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|---|-----------------------------|---|-----------------------------|---------------------------------------|-----------------------------------|
| BAR CODE LABEL<br><br>   |                             | <h1 style="margin: 0;">U.S. PATENT APPLICATION</h1> |                             |                                       |                                   |
| SERIAL NUMBER<br><br>08/478,114   | FILING DATE<br><br>06/07/95 | CLASS<br><br>385                                    | GROUP ART UNIT<br><br>2501  |                                       |                                   |
| <div style="display: flex;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; margin-right: 10px;">APPLICANT</div> <div> <p>PAUL POENISCH, SANTA CLARA, CA; JAMES A. MATTHEWS, MILPITAS, CA; TRANCY TSAO, SARATOGA, CA.</p> <p><b>**CONTINUING DATA*****</b><br/>VERIFIED</p> <p>_____</p> <p><b>**FOREIGN/PCT APPLICATIONS*****</b><br/>VERIFIED</p> <p>_____</p> <p>FOREIGN FILING LICENSE GRANTED 12/01/95</p> </div> </div> |                             |   |                             |                                       |                                   |
| STATE OR COUNTRY<br><br>CA  | SHEETS DRAWING<br><br>5     | TOTAL CLAIMS<br><br>54                              | INDEPENDENT CLAIMS<br><br>8 | FILING FEE RECEIVED<br><br>\$1,988.00 | ATTORNEY DOCKET NO.<br><br>6605-9 |
| <div style="display: flex;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; margin-right: 10px;">ADDRESS</div> <div> <p>KENNETH L CAGE<br/>           WILLIAN BRINKS HOFER GILSON &amp; LIONE<br/>           2000 K STREET NW<br/>           SUITE 200<br/>           WASHINGTON DC 20006-1809</p> </div> </div>  |                             |   |                             |                                       |                                   |
| <div style="display: flex;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; margin-right: 10px;">TITLE</div> <div> <p>LOW COST, HIGH PERFORMANCE FLIP-CHIP BONDING TECHNIQUE</p> </div> </div>  |                             |   |                             |                                       |                                   |
| <p>This is to certify that annexed hereto is a true copy from the records of the United States Patent and Trademark Office of the application which is identified above.</p> <p>By authority of the<br/>         COMMISSIONER OF PATENTS AND TRADEMARKS</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div>Date</div> <div>Certifying Officer</div> </div>   |                             |   |                             |                                       |                                   |